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USSR PLANTS TURN OUT NEW AGRICULTURAL MACHINERY

STALINETS-8 COMBINE GETS FIELD TEST -- Zaxinskiy Fabrichy, 3 Aug 50

The new Stalinets-8 combine is designed for harvesting high-yield crops (25 to 30 centners per hectare or more). The first models of this machine are undergoing testing in various regions of the USSR. Tried in the Krasnodar Kray, two such combines have given good results.

DESIGN TWO-HEADER COMBINE -- Leningradskaya Pravda, 25 Jul 50

E. T. Afonin, director of the Kaladzhinskaya MTS, has designed a two-header combine which is undergoing testing at the Krasnaya Loba Kolkhoz.

The combine is based on a new principle. The first header is raised high. After cutting, the wheat stalks pass on to the thresher where they lose the greater part of the straw and are, therefore, more easily threshed. The grain then moves on without losses to the bin. The second header, which lies under the first, cuts the straw at the root. The straw then moves on in heavy streams directly to the conveyor, bypassing the drum.

As shown in the tests, the new machine eliminates wheat losses almost completely and turns out a cleaner grain. It can operate on any kind of terrain, with the header working at full capacity. It can operate at night, and after rain when the grain is wet. Through special attachments, it can easily pick up drooping wheat.

PRODUCE NEW TREE FLOWS -- Yerevan Kommunist, 28 Jul 50

The Stalino Agricultural Machine-Building Plant has completed testing a new five-bottom surface plow designed for the kolkhoz orchards. Its small dimensions and special design make it possible to stir the ground under the tree roots next to the tree trunk without injuring them.

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The plant also has begun production of a general-purpose plow for vineyards. In addition to the usual plowshares, the plow has a set of cultivating and weeding claws and special attachments for covering the vine for the winter and uncovering it in the spring.

PRODUCE NEW STRAW CUTTER, BRAKING-SCUTCHING MACHINE -- Minsk Sovetskaya Belorussiya, 2 Aug 50

The Gomel' Agricultural Machine-Building Plant imeni L. M. Kaganovich has already put out hundreds of samples of a new silo straw-cutting machine designed this year.

Several days ago, the plant produced the first braking and scutching machine designed under the guidance of Tolochko, Doctor of Technical Sciences. This machine has shown good results in tests.

PUT OUT WOODEN GRAIN DRIERS -- Riga Sovetskaya Latvya, 5 Aug 50

The Repair and Construction Office of the Pukel'skiy Rayon has begun production of wooden grain driers whose productivity is 3 to 3½ tons of grain per 24 hours. The first group of driers has been installed in the kolkhozes imeni Voroshilov and Liesma; in a few days, such driers will be dispatched also to the rural agricultural artels imeni Kalinin, Zelva druva, Alsma, Varpa, Atgulde, and others.

LITHUANIAN PLANTS PRODUCE NEW MACHINERY -- Vilnius Sovetskaya Latvya, 5 Aug 50

The Vil'nyus Komunaras Plant has assembled and tested the first group of a general-purpose fodder-crushing machine, which will be put into series production at the beginning of this month.

The plant also is about to begin mass production of automatic drinking troughs. These machines will be sent to the Ukrainian, Lithuanian, Belorussian, Latvian and other SSR.

The Alitus Ukmashina Plant has added a casting and machine shop and has begun to put out Triumph winnowing and sorting machines.

The Kaunas Atrama Plant has begun production of high-duty VK-02 fodder-steaming machines.

The Rokiskis Plugas Plant has started to produce two-horse plows.

ARMENIAN MTS GET NEW TRACTORS -- Moscow Trud, 16 Jul 50

The Armenian MTS have received their first consignment of the new SOT orchard tractors. By the end of this year, they will have received more than 100 such machines.

This summer Armenian vineyards will, for the first time, employ machines which simultaneously stir the soil and deposit mineral fertilizer between rows.

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